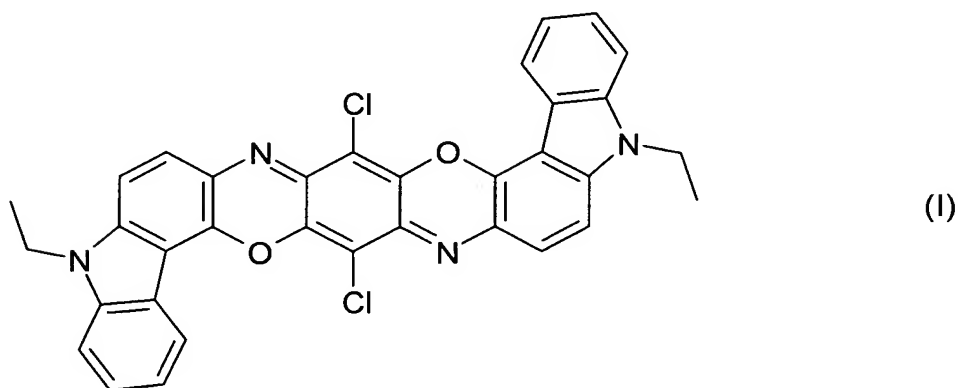


Amendment to the Claims

1) (Currently Amended) ~~The use of A~~ colorant including a pigment preparation comprising

a) a dioxazine compound of the formula (I) as base pigment



and

b) a dioxazine compound of the formula (II) as pigment dispersant

$Q-[Y-X]_m$ (II)

~~in which~~ wherein

Q is an m-valent radical of the base pigment of the formula (I),

Y is a bridging moiety from the series $-(CR^1R^2)_x-$ with x being 1 to 6, substituted or unsubstituted phenylene, $-CO-$, or $-NR^3-$, or a nonrepeating or repeating combination of at least two such bridging members of different type, R^1 , R^2 , and R^3 independently of one another being hydrogen or C_1 - C_4 -alkyl,

X is the radical of an aliphatic or aromatic, five-, six- or seven-membered heterocyclic system ~~which is attached to the bridging member Y via a C atom and~~ has in each case 1 to 3 identical or different ring heteroatoms selected from the series-group consisting of nitrogen, oxygen ~~or~~ and sulfur and, optionally, if desired

also has a benzo-fused ring and ~~may be~~ optionally substituted by C₁-C₄-alkyl, C₂-C₄-alkenyl, C₁-C₃-hydroxyalkyl or phenyl;

or is a phthalimido radical ~~which is~~ attached to the bridging member Y via the imide nitrogen and ~~which may be~~ and is optionally substituted up to a maximum of four times on the benzoid ring by chloro, bromo, nitro, carboxyl, N-(C₁-C₅-alkyl)carbamoyl, N-phenylcarbamoyl or benzoylamino;

or is a radical -NR⁴R⁵, in which R⁴ and R⁵ independently of one another are each hydrogen, substituted or unsubstituted C₁-C₂₀-alkyl or C₂-C₂₀-alkenyl, C₅-C₆-cycloalkyl, substituted or unsubstituted phenyl, benzyl or naphthyl;

or in which the group -NR⁴R⁵ forms an aliphatic or aromatic, five-, six- or seven-membered heterocyclic system having in each case 1 to 3 identical or different ring heteroatoms selected from the series- group consisting of nitrogen, oxygen ~~or~~ and sulfur, ~~which if desired~~ and, optionally, also has a benzo-fused ring and ~~may be~~ optionally substituted by hydroxyl, oxo, C₁-C₄-alkyl, C₂-C₄-alkenyl, C₁-C₃-hydroxyalkyl or phenyl, and

m indicates a numerical value between 1 and 4;

~~as a colorant in color filters, ink-jet inks, electrophotographic toners and developers, and electronic inks.~~

2) (Currently Amended) The ~~use~~ colorant as claimed in claim 1, wherein Y ~~has the definition is~~ -(CH₂)_p-, -CO-NR³-(CH₂)_p-, -CH₂-NR³-CO-(CH₂)_p- or -CH₂-NR³-CO-CH₂-NH-(CH₂)_n-, ~~in which wherein~~ R³ is hydrogen or C₁-C₄-alkyl, and n and p independently of one another are each ~~numerical values from~~ 1 to 6,

X is the radical of a furan, thiophene, pyrrole, pyrazole, thiazole, oxazole, triazole, imidazole, thionaphthene, benzoxazole, benzothiazole, benzimidazole, benzotriazole or indole ~~which is~~ attached to the bridging member Y via a C atom;

or is a radical -NR⁴R⁵, ~~in which wherein~~ R⁴ and R⁵ independently of one another are each hydrogen, unsubstituted or substituted C₁-C₆-alkyl or C₂-C₆-alkenyl, C₅-C₆-cycloalkyl, unsubstituted or substituted phenyl, benzyl or naphthyl;

or ~~in which wherein~~ the group -NR⁴R⁵ is a pyrrolinyl, pyrrolidinyl, piperidinyl, morpholinyl, homopiperidinyl or imidazolyl ~~which, optionally, if desired~~ also has a

benzo-fused ring and ~~may be~~ is optionally substituted by hydroxyl, oxo, C₁-C₄-alkyl, C₁-C₃-hydroxyalkyl or phenyl, and

m is a number from 1 to 3.

3) (Currently Amended) The ~~use~~ colorant ~~v~~ as claimed in claim 1 ~~or 2~~, wherein

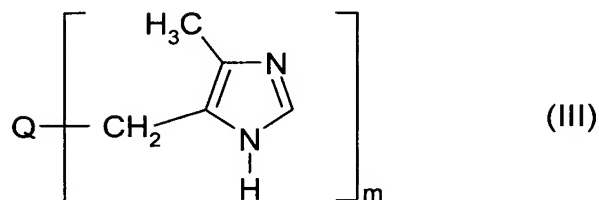
Y is -(CH₂)₁₋₃-, -CO-NH-(CH₂)₁₋₃-, -CH₂-NH-CO-(CH₂)₁₋₃- or

-CH₂-NH-CO-CH₂-NH-(CH₂)₂₋₃-,

X is imidazolyl ~~which is attached to the bridging member Y via the imide~~ nitrogen or the positions 4 or 5, or is a radical -NR⁴R⁵, R⁴ and R⁵ being hydrogen or C₁-C₄-alkyl, and

m is a number from 1 to 2.5.

4) (Currently Amended) The ~~use~~ colorant as claimed in ~~at least one of claims 1 to 3~~ claim 1, wherein the pigment dispersant is a compound of the formula (III)



~~in which~~ wherein

m stands for a numerical value from 1 to 4.

5) (Currently Amended) The ~~use~~ colorant as claimed in claim 4, wherein m is a number from 1 to 2.

6) (Currently Amended) The ~~use~~ colorant as claimed in ~~at least one of claims 1 to 5~~ claim 1, wherein the pigment preparation contains 0.5% to 99% by weight of pigment dispersant of the formula (II) ~~or (III)~~, based on the weight of the base pigment of the formula (I).

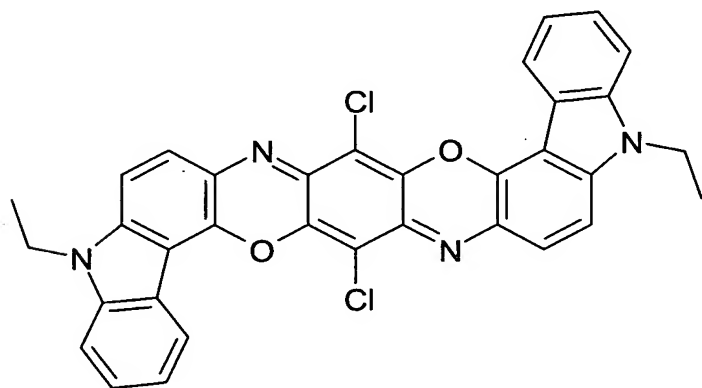
7) (Currently Amended) The ~~use~~ colorant as claimed in claim ~~6~~1, wherein the pigment preparation contains 5% to 30% by weight of pigment dispersant of the formula (II)-~~or~~-(III), based on the weight of the base pigment of the formula (I).

8) (Currently Amended) The ~~use~~ colorant as claimed in ~~at least one of claims 4 to 7~~ claim 1, wherein the pigment preparation is shaded with a colorant selected from the group of organic ~~or~~ pigments, inorganic pigments ~~or~~ of and organic dyes.

9) (New) A color filter, ink-jet ink, electrophotographic developer, electrophotographic toner or electric ink colored by the colorant according to claim 1.

10) (New) A method for coloring a color filter, ink-jet ink, electrophotographic developer, electrophotographic toner or electric ink comprising the step of adding to the color filter, ink-jet ink, electrophotographic developer, electrophotographic toner or electric ink a pigment preparation comprising

a) a dioxazine compound of the formula (I) as base pigment



(I)

and

b) a dioxazine compound of the formula (II) as pigment dispersant

$Q-[Y-X]_m$ (II)

wherein

Q is an m-valent radical of the base pigment of the formula (I),
Y is a bridging moiety from the series $-(CR^1R^2)_x-$ with x being 1 to 6, substituted or unsubstituted phenylene, -CO-, or -NR³-, or a nonrepeating or repeating combination of at least two such bridging members of different type, R¹, R², and R³ independently of one another being hydrogen or C₁-C₄-alkyl,
X is the radical of an aliphatic or aromatic, five-, six- or seven-membered heterocyclic system attached to the bridging member Y via a C atom and has in each case 1 to 3 identical or different ring heteroatoms selected from the group consisting of nitrogen, oxygen and sulfur and, optionally, also has a benzo-fused ring optionally substituted by C₁-C₄-alkyl, C₂-C₄-alkenyl, C₁-C₃-hydroxyalkyl or phenyl;
or is a phthalimido radical attached to the bridging member Y via the imide nitrogen and is optionally substituted up to a maximum of four times on the benzoid ring by chloro, bromo, nitro, carboxyl, N-(C₁-C₅-alkyl)carbamoyl, N-phenylcarbamoyl or benzoylamino;
or is a radical -NR⁴R⁵, in which R⁴ and R⁵ independently of one another are hydrogen, substituted or unsubstituted C₁-C₂₀-alkyl or C₂-C₂₀-alkenyl, C₅-C₆-cycloalkyl, substituted or unsubstituted phenyl, benzyl or naphthyl;
or in which the group -NR⁴R⁵ forms an aliphatic or aromatic, five-, six- or seven-membered heterocyclic system having in 1 to 3 identical or different ring heteroatoms selected from the group consisting of nitrogen, oxygen and sulfur, and, optionally, also has a benzo-fused ring optionally substituted by hydroxyl, oxo, C₁-C₄-alkyl, C₂-C₄-alkenyl, C₁-C₃-hydroxyalkyl or phenyl, and
m indicates a numerical value between 1 and 4,
during production of the color filter, ink-jet ink, electrophotographic developer, electrophotographic toner or electric ink.